TÃ¼lin Kutsal

List of Publications by Year
in descending order

33 papers	1,688 citations	304743 22 h-index	434195 31 g-index
33 all docs	33 docs citations	33 times ranked	1435 citing authors

#	Article	IF	Citations
1	The biosorpnon of copperod byC. vulgarisand Z.ramigera. Environmental Technology (United Kingdom), 1992, 13, 579-586.	2.2	175
2	Determination of the biosorption heats of heavy metal ions on Zoogloea ramigera and Rhizopus arrhizus. Biochemical Engineering Journal, 2000, 6, 145-151.	3.6	167
3	A bioseparation process for removing lead(II) ions from waste water by using C. vulgaris. Journal of Chemical Technology and Biotechnology, 1991, 52, 109-118.	3.2	119
4	A comparative study for biosorption characteristics of heavy metal ions withC. vulgaris. Environmental Technology (United Kingdom), 1990, 11, 979-987.	2.2	115
5	The selective biosorption of chromium(VI) and copper(II) ions from binary metal mixtures by R. arrhizus. Process Biochemistry, 1996, 31, 561-572.	3.7	115
6	Investigation of biosorption of Cu(II), Ni(II) and Cr(VI) ions to activated sludge bacteria. Environmental Technology (United Kingdom), 1991, 12, 915-921.	2.2	88
7	Fully competitive biosorption of chromium(VI) and iron(III) ions from binary metal mixtures by R. arrhizus: Use of the competitive langmuir model. Process Biochemistry, 1996, 31, 573-585.	3.7	87
8	Recent trends in the biosorption of heavy metals: A review. Biotechnology and Bioprocess Engineering, 2001, 6, 376-385.	2.6	80
9	Investigation of Biosorption of Chromium(VI) on Cladophora Crispata in Two-Staged Batch Reactor. Environmental Technology (United Kingdom), 1996, 17, 215-220.	2.2	73
10	Determination of the biosorption activation energies of heavy metal ions on Zoogloea ramigera and Rhizopus arrhizus. Process Biochemistry, 2000, 35, 801-807.	3.7	64
11	Investigation of Simultaneous Biosorption of Copper(II) and Chromium(VI) on DriedChlorella Vulgarisfrom Binary Metal Mixtures: Application of Multicomponent Adsorption Isotherms. Separation Science and Technology, 1999, 34, 501-524.	2.5	62
12	A comparative study for the simultaneous biosorption of Cr(VI) and Fe(III) on C. vulgaris and R. arrhizus: application of the competitive adsorption models. Process Biochemistry, 1998, 33, 273-281.	3.7	60
13	Adsorption isotherms of lead(II) and chromium(VI) onCladophora crispata. Environmental Technology (United Kingdom), 1994, 15, 439-448.	2.2	57
14	Ternary biosorption equilibria of chromium(VI), copper(II), and cadmium(II) onRhizopus arrhizus. Separation Science and Technology, 2002, 37, 279-309.	2.5	55
15	Application of multicomponent adsorption isotherms to simultaneous biosorption of iron(iii) and chromium(vi) onC.vulgaris. Journal of Chemical Technology and Biotechnology, 1997, 70, 368-378.	3.2	53
16	Evaluation, interpretation, and representation of three-metal biosorption equilibria using a fungal biosorbent. Process Biochemistry, 2001, 37, 35-50.	3.7	51
17	A comparative study of the adsorption of chromium(VI) ions toC. vulgarisandZ. ramigera. Environmental Technology (United Kingdom), 1990, 11, 33-40.	2.2	42
18	A staged purification process to remove heavy metal ions from wastewater using Rhizopus arrhizus. Process Biochemistry, 1997, 32, 319-326.	3.7	35

#	ARTICLE	IF	CITATIONS
19	Comparative study of riboflavin production from two microorganisms: Eremothecium ashbyii and Ashbya gossypii. Enzyme and Microbial Technology, 1986, 8, 593-596.	3.2	33
20	The simultaneous biosorption process of lead(II) and nickel(II) on Rhizopus arrhizus. Process Biochemistry, 1997, 32, 591-597.	3.7	30
21	The simultaneous biosorption of Cr(VI), Fe(III) and Cu(II) on Rhizopus arrhizus. Process Biochemistry, 1998, 33, 571-579.	3.7	27
22	Biosorption of Lead(II), Nickel(II), and Copper(II) onRhizopus arrhizusfrom Binary and Ternary Metal Mixtures. Separation Science and Technology, 2000, 35, 2601-2617.	2.5	24
23	Ti implants with nanostructured and HA-coated surfaces for improved osseointegration. Artificial Cells, Nanomedicine and Biotechnology, 2016, 44, 1023-1030.	2.8	16
24	In vivoimaging/detection of MRSA bacterial infections in mice using fluorescence labelled polymeric nanoparticles carrying vancomycin as the targeting agent. Journal of Biomaterials Science, Polymer Edition, 2020, 31, 293-309.	3.5	13
25	Simultaneous Biosorption of Chromium(VI) and Copper(II) onRhizopus Arrhizusin Packed Column Reactor: Application of the Competitive Freundlich Mode. Separation Science and Technology, 1999, 34, 3155-3171.	2.5	12
26	Application of multicomponent adsorption models to the biosorption of CR(VI), CU(II), and CD(II) ions on rhizopus arrhizus from ternary metal mixtures. Chemical Engineering Communications, 2003, 190, 797-812.	2.6	12
27	Effects of growth factors on riboflavin production by Ashbya gossypii. Enzyme and Microbial Technology, 1991, 13, 594-596.	3.2	9
28	TIMP-2 gene transfer by positively charged PEG-lated monosized polycationic carrier to smooth muscle cells. Journal of Nanoparticle Research, 2012, 14, 1.	1.9	5
29	Oxygen transfer kinetics of riboflavin fermentation by Ashbya gossypii in agitated fermentors. Enzyme and Microbial Technology, 1992, 14, 984-990.	3.2	4
30	A Thermo-Sensitive NIPA-Based Co-Polymer and Monosize Polycationic Nanoparticle for Non-viral Gene Transfer to Smooth Muscle Cells. Journal of Biomaterials Science, Polymer Edition, 2012, 23, 577-592.	3.5	2
31	Biotechnological Advances and Developing Countries. , 1992, , 343-357.		2
32	An Overview of the Studies about Heavy Metal Adsorption Process by Microorganisms on the Lab. Scale in Turkey. Mineral Processing and Extractive Metallurgy Review, 1998, 19, 331-340.	5.0	1
33	The Usage of Various Microorganisms in Waste Water Treatment Containing Copper(II) Ions. , 1992, , 545-546.		0